October 18, 2000

Weidman, Timothy

2812

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Substitute for form 1449B/PTO

Complet if Known

Application Number 09/692.527

First Named Inventor

Filing Date

Group Art Unit

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Examiner Name

Sheet	1	of	2	Attorney Docket Number	016301-033110US

				U.S. PATENT DOCUM	/IENTS			
Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
71		 	WN)		MM-DD-YYYY 08-20-1996	Figures Appear		
	A	5,548,159		Jeng				
<u> </u>	В	5,645,891		Liu et al.	07-08-1997			
<u> </u>	С	5,736,425		Smith et al.	04-07-1998			
<u> </u>	D	5,747,880		Havemann et al.	05-05-1998			
_OK	E	5,807,607		Smith et al.	09-15-1998			
<u> </u>	F	5,814,370		Martino et al.	09-29-1998			
<u> </u>	G	5,834,845		Stolmeijer	11-10-1998			
OX	Н	5,847,443		Cho et al. •	12-08-1998			
CX	1	5,858,457		Brinker et al.	01-12-1999	17.5		
OK.	J	5,858,871		Jeng	01-12-1999			
701	К	5,922,299		Bruinsma et al.	07-13-1999			
N/	L	5,948,482		Brinker et al.	09-07-1999			
\mathcal{N}	М	5,995,140		Smith et al.	09-21-1999			
OK.	N	6,011,123		Kurosawa et al.	01-04-2000			
<u>7₩</u>	0	6,015,457		Leung et al.	01-18-2000			
78 X	P	6,037,275		Wu et al.	03-14-2000			
\	a	6,107,357		Hawker et al.	08-22-2000			
CK.	R	6,120,891		Balkus, Jr. et al.	09-19-2000			
W.	s	6,140,252		Cho et al.	10-31-2000	5,		
1	Т	6,159,295		Maskara et al.	12-12-2000	i m		
- X	Ü	6,162,583		Yang et al.	12-19-2000	9		
- XX	V	6,162,838		Kohl	12-19-2000	To the second		
OK -	l w	6,163,066		Forbes et al.	12-19-2000			
\longrightarrow	X	6,168,737	B1	Poco et al.	01-02-2001			
7/8	Ŷ		B1	Smith et al.	01-09-2001	<u> </u>		
<u> </u>	Z	6,171,645	ВІ	· · · · · · · · · · · · · · · · · · ·	01-09-2001	<u> </u>		
<u> </u>		6,171,687	B1	Leung et al.	01-09-2001			
2	AA	6,172,128		Lau et al.	02-06-2001	- 		
<u></u>	AB	6,184,260	B1	Zhong				
CK_	AC	6,187,248	B1	O'Neill et al.	02-13-2001	cs		
<u>Q</u>	AD	6,197,913	B1	Zhong	02-06-2001			
_\(\)X	AE	6,204,202	B1 _	Leung et al.	03-20-2001	<u> </u>		
<u>(</u>	AF	6,208,014	B1	Wu et al.	03-27-2001			
ON_	AG	6,270,846	B1	Brinker et al.	08-07-2001			
CK	AH	6,277,765	B1	Chen et al.	08-21-2001			
CX	Al	6,297,459	B1	Wojnarowski et al.	10-02-2001			

Examiner Signature	Church Kancele	Date Considered	2/25/03

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		D .O.	TRADE TRADE	Application Number	09/692.527		
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE TRANF STATEMENT BY APPLICANT				First Named Inventor	Weidman, Timothy		
				Group Art Unit	2812		
(use as many sheets as necessary)				Examiner Name	Unassigned		
Sheet	72	of	2	Attorney Docket Number	016301-033110US		

<u></u>				FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*		Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
	Cite No.1	Office ³	Number⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ⁶
CK	AJ	wo	00/13221		Wu et al.	03-09-2000		
CK.	AK	1WIN	81106-R		Gessneretal.	07-30-1998		
ÓK	AL	EP	0 689 235	B1	Cho et al.	12-27-1995		
CX	AM	EP	0 869 515	A1	Kobayashi et al.	07-10-1998		
	AN	wo	99/23101		Wallace et al.	05-14-1999		
C)Y	AO	wo	00/08679		Hendricks et al.	02-17-2000		
CX	AP	wo	99/37705		Stucky et al.	07-29-1999		
X	AQ	wo	99/03926		loka et al.	01-28-1999		
ŌK	AR	wo	98/24724		Bruinsma et al.	06-11-1998		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
CK	AS	Rust, W., "Using Spin-on Dielectrics to Solve Interconnect Challenges," Channel TechWatch, Vol. 10, No. 9 (1997).	
CK	AT	Peters L., "Solving the Integration Challenges of Low-k Dielectrics," Semiconductor Int'l, 56–64 (1999).	
OK	AU	Singer, P., "Dual-Damascene Challenges Dielectric Etch," Semiconductor Int'l., 68-72 (1999).	
Of	AV	Hendricks, N., "Low K Materials for IC International Dielectric Applications: An Updated Status on the Leading Candidates," Low K Dielectric Mat. Tech., SEMICON West, B1-B12 (1999).	

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